

Monday, July 27, 2020

Attn: Mr. Keith Gammell Barnhardt Mfg. Co. 247 Main Rd P.O. Box 3 Colrain, MA 01340

Project ID: NPDES BI MONTHLY

**SDG ID: GCG38889 Sample ID#s: CG38889** 

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis/Shiller

**Laboratory Director** 

NELAC - #NY11301

CT Lab Registration #PH-0618 MA Lab Registration #M-CT007

ME Lab Registration #CT-007

NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003

NY Lab Registration #11301

PA Lab Registration #68-03530

RI Lab Registration #63

**UT Lab Registration #CT00007** 

VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

# Sample Id Cross Reference

July 27, 2020

SDG I.D.: GCG38889

Project ID: NPDES BI MONTHLY

Client Id	Lab Id	Matrix
EFFLUENT	CG38889	WASTE WATER



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**Analysis Report** 

July 27, 2020

FOR: Attn: Mr. Keith Gammell

Barnhardt Mfg. Co.

247 Main Rd P.O. Box 3

Colrain, MA 01340

**Sample Information Custody Information Date** <u>Time</u> 07/22/20 WASTE WATER Collected by: KG 7:00 Matrix: Received by: Location Code: **BARNHARD** В 07/22/20 16:46

**Laboratory Data** 

Rush Request: Standard Analyzed by: see "By" below

P.O.#: G11301

SDG ID: GCG38889

Phoenix ID: CG38889

Project ID: NPDES BI MONTHLY

Client ID: EFFLUENT

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	Reference
Ammonia as Nitrogen	< 0.25	0.25	mg/L	5	07/25/20	KDB	E350.1
Nitrite-N	0.017	0.010	mg/L	1	07/22/20 22:18	TB	E353.2
Nitrate-N	11.3	0.20	mg/L	10	07/22/20 22:20	TB	E353.2
Nitrogen Tot Kjeldahl	4.30	0.50	mg/L	5	07/25/20	KDB	E351.1
Total Nitrogen	15.6	0.10	mg/L	1	07/25/20	KDB	SM4500NH3/E300.0-11

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

#### Comments:

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Phyllis Shiller, Laboratory Director

July 27, 2020

Reviewed and Released by: Rashmi Makol, Project Manager



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### QA/QC Report

July 27, 2020

### QA/QC Data

SDG I.D.: GCG38889

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 538472 (mg/L)	, QC Samp	ole No:	CG38874	(CG388	389)								
Nitrate-N	BRL	0.02	0.28	0.28	0	103			103			90 - 110	20
Nitrite-N	BRL	0.01	0.012	0.01	NC	104			106			90 - 110	20
QA/QC Batch 538753 (mg/L)	, QC Samp	ole No:	CG38859	(CG388	389)								
Ammonia as Nitrogen	BRL	0.05	1.30	1.40	7.40	104			101			90 - 110	20
Nitrogen Tot Kjeldahl	BRL	0.10	12.8	14	9.00	97.9			96.0			85 - 115	20
Comment:													
TKN is reported as Organic Nitr	ogen in the	Blank, L	.CS, DUP a	and MS.									

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

July 27, 2020

Monday, July 27, 2020 Criteria: None

### Sample Criteria Exceedances Report

GCG38889 - BARNHARD

State: MA

RL Analysis
SampNo Acode Phoenix Analyte Criteria Units

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

<sup>\*\*\*</sup> No Data to Display \*\*\*



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# **Analysis Comments**

July 27, 2020 SDG I.D.: GCG38889

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD  S67 East Middle Tumpike, P.O. Box 370, Manchester, CT 06040  Email: info@phoenixlabs.com Fax (860) 645-0823  Client Services (860) 64	Coolant: IPK (1/C) Temp (1/L) & C Pq	Phon Email	This section MUST be	completed with	boure duantities.	14000, 2000	1000 1000 1000 1000 1000 1000 1000 100	07 14 08	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	**				MA Data Format	MCP Certification	GW-1 MWRA eSMART CPPF	GW-2 GW-3 GW-3	/-1 ☐ S-1 GW-2 ☐ S-1 GW-3 D	S-2 GW-1   S-2 GW-2   S-2 GW-3   Tier    Checklist   S-3 GW-1   S-3 GW-2   S-3 GW-3     Full Data Package*	Sw Protection Christian Other	V
Sample Date NAW-Waste Water Water Water Water Water Water Water Waste Water Oil Seampled Sa 7-22-20 7-22	:HAIN OF CUSTODY RECORD Middle Tumpike, P.O. Box 370, Manchester, CT 06040	Fax (860) 645-0823 60) 645-8726	O: Kerth Chamen		'	True La Constitución de la Const	(8.50)	Solvery Solvery						- CT	Residential)	Direct Exposure	Direct Exposure	GA Leachability	GB Leachability	GA-GW Objectives	
Laborator Thurk Change Sample - Informs Sample - Informs (Other) Customer Sample Identification Accepte Chank Irements or Regul		s, Inc.	, I	CAREC 01340		-22-6	Matrix Code:  DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Soild W=Wipe OIL=Oil B=Bulk L=Liquid X =(Other)	Sample Date Matrix Sampled	7-22-20	7-22-20						Yer /	, and	Comments, Special Requirements or Regulations: Turnarour	1 Day		